Algebra Drill #1

Instructions: Fold the paper along the marked lines. When instructed, begin each section and answer as many as possible.

Section 1: *Multiply*

1. $1(1)=$
2. $2(2)=$
3. $3(3)=$
4. $4(4)=$
5. $5(5)=$
6. $6(6)=$
7. $7(7)=$
8. $8(8)=$
9. $9(9)=$
10. $10(10)=$
11. $11(11)=$
12. $12(12)=$
13. $13(13)=$
14. $14(14)=$
15. $15(15)=$
16. $16(16)=$
17. $17(17)=$
18. $18(19)=$
19. $19(18)=$
20. $20(20)=$

Section 2: *Order of Operations*

1. $1(1+3)=$
2. $2(2)+5=$
3. $3(3-4)=$
4. $4(4+1)=$
5. $5(5)+3=$
6. $6(1-6)=$
7. $-7(7)+3=$
8. $8(8-5)=$
9. $1-9(-9)=$
10. $10(10)-4=$
11. $11(-11)+5=$
12. $12(4-12)=$
13. $13-2(13)=$
14. $14(-14+3)=$
15. $15(15)-4=$

Section 3: *Order of Operations*

1. $1+3(1+3)=$
2. $2(2)+5(3)=$
3. $3[3-(4)(2)]=$
4. $4(4+1)-3=$
5. $5(5-3)+3=$
6. $6(1-6)+5=$
7. $-7(7)+3(4)=$
8. $8-3(8-5)=$
9. $1(2)-9(-9)=$
10. $10(10\div2)-4=$
11. $11(-11+5)\div3=$
12. $12(4-12)-2=$
13. $13(3)-2(13)=$
14. $14(-14\div2)=$
15. $(15-10)(15)-4\div1=$

Section 4: *Solve for x*

1. $1+x(1+3)=5$
2. $2(2)+5(3)=3x-2$
3. $3[3-(4)(x)]=-3(5)$
4. $4(4+1)-3x=x$
5. $5(x-3)+3=8$
6. $x(1-6)+5=0$
7. $-7(7)+3x=2$
8. $8-x(8-5)=-1$
9. $1(2)-9(-9)+2x=81$
10. $10(10\div2x)-4=1$